



# **National Aerospace Initiative Update** ***Turning Goals Into Reality***

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# February 24th Industry Meeting



- **The National Aerospace Initiative (NAI) Overview**
  - High Speed / Hypersonics
  - Space Access
  - Space Technology
- **NAI Background**
  - Transformation
  - Value of Speed
  - Connectivity to the Aerospace Commission Recommendations
- **Conclusion**
  - NAI is an Integrated, National Approach to Sustaining America's Aerospace Leadership
  - FY04 Budget Information was Provided



# Activities Following Feb 24th Industry Meeting



- **ADVOCACY AND SUPPORT**

- Briefed US Strategic Command (ADM Ellis, Future Arsenal Panel, and S&T Panel), Air Force Air Vehicles Future Technologies Workshop, the IHPTET Steering Committee, Aerospace In The News Symposium, Responsive Space Workshop, and the Space Symposium
- Discussed technical justification for NAI with the White House (OSTP)
- Met with Vice-President Cheney's Domestic Policy Advisor to discuss connectivity to Aerospace Commission recommendations
- Participated in ASME/National Space Society Congressional Days
- Created website at <http://www.dod.mil/ddre/nai/>
- Developed brochure/Q&A's
- Chairman Robert Walker endorsed NAI to House Science Committee
- ADM Ellis (USSTRATCOM) endorsed NAI



# USSTRATCOM Mission



## USSTRATCOM Mission Assignments\*

- Deterrence
- STRATCOM/SPACECOM merger\*
- Global Strike\*\*
- Information Operations\*\*
- Integrated Missile Defense\*\*
- Global C4ISR\*\*

\* UCP 1 Signed by President Bush, 7/30/2002

\*\*UCP 2 Signed by President Bush, 1/10/2003

## Excerpt from SASC – Strategic Force Subcommittee Hearing 04/08/03

### SENATOR ALLARD:

How important would you say conventional munitions are today in carrying out your stratcom (ph) mission and how important do you think they might be say 20 years from now?

### ADMIRAL ELLIS:

Well, sir, as we have established ourselves on the first of October and begun the creation of a nascent global strike capability, as you know that's one of the four previously unassigned mission areas that has come to the United States strategic command. That obviously involves conventional weapons, as does the capabilities that are embedded in what is called Department of Defense information operations. But as to the future, we see a need and an opportunity indeed to pursue advance conventional capabilities through, across that full spectrum, kinetic and non-kinetic.

We believe that by partnering closely with the services, the agencies, defense threat reduction agency, DARPA (ph), the advanced development organizations and laboratories, as well as the **National Aerospace Initiative** and other capabilities that are beginning to take form, that they, these advance conventional capabilities will be an increasingly significant part of the planning and capabilities that fall under our purview. They're **absolutely essential for our future**. They were a part of the assumptions that were implicit in the nuclear posture review and we certainly appreciate your support of these efforts to develop such capabilities.



## DoD / NASA Cooperation Remains Strong



- **NAI Endorsement Letter from NASA Administrator O'Keefe to Deputy Secretary of Defense Wolfowitz (January 10, 2003)**
  - “... unqualified support of your efforts to launch the National Aerospace Initiative”
  - “we have been working collaboratively ... to create an integrated program plan and structure that jointly develops and demonstrates ... critical technologies”
  - “This is an important effort to DoD and NASA – and the Nation”
  - “... we will properly resource our support within the NASA budget submission in FY2005 and beyond.”



# Activities Following Feb 24th Industry Meeting (cont'd)



- **PLANNING AND MANAGEMENT**
  - DoD/NASA jointly refined the Space Access Plan
  - Drafted an Organizational Management Strategy Initial Implementation Plan
  - Standing up a Washington Executive Office shortly
  - Briefed the Space Partnership Council (Individually / Group)
  - Conducted a high speed / hypersonics review at AFRL
  - Held joint DoD/NASA Combined Cycle Engine Demo Study Kickoff Meeting
  - Met with the Columbia Accident Investigation Team
  - NGLT Quarterly Review (NASA)
  - Space Platforms TARA (DoD)
  - Met with VP Cheney's staff
  
- **FY04 BUDGET PROVIDED TO INDUSTRY AT APRIL 23<sup>rd</sup> MEETING**



## Activities Since Apr 23rd Industry Meeting



- **PLANNING AND MANAGEMENT**
  - Briefed Defense Science Board
  - Briefed Space Partnership Council
  
- **ADVOCACY AND SUPPORT**
  - Met with Dr. Marburger and his staff (President's Science Advisor)
  - Continued to familiarize individual Members of Congress
  - Briefed House Committee on Space and Aeronautics
  - Briefed Air Force SAB Long Range Strike Study
  - Conducted an Industry Day for SLI on May 13<sup>th</sup>



# The Road Ahead



- **PLANNING AND MANAGEMENT**
  - Complete Out-Year Funding Profiles
  - Gain Consensus on the Space Access Plan Refinements
  - Brief Space Partnership Council on legislative results of FY04 PBR
  - Work with Services / NASA to Set Up NAI Executive Office
  - Ensure NASA Space Architect / Space Command are lined-up on AoA
- **ADVOCACY AND SUPPORT**
  - Continue to familiarize individual Members of Congress
  - Possible NAI “Hill Day”
  - Presidential Initiative?
  - Other Ideas?